

CASWELL FILE

2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: March 12, 1979

SUBJECT: 56-UT EATON'S ULTIMATE FORMULA D RODENTICIDE
Caswell #394

FROM: B.T. Backus
IRB/TSS

TO: William Miller
Product Manager 16

OPP OFFICIAL RECORD
HEALTH EFFECTS DIVISION
SCIENTIFIC DATA REVIEWS
EPA SERIES 361

pc 067701

Applicant: J.T. Eaton & Co., Inc.
1393 East Highland Rd.
Twinsburg, OH 44087

Active Ingredient:

Diphacinone.....0.005%
Inert Ingredients:.....99.995%

Recommendations:

1. Adequate and acceptable acute toxicological data on a 0.005% diphacinone formulation are in EPA Acc. No. 234422 submitted by Velsicol Chemical Corp., 6/30/78. The applicant is referencing data from Velsicol, although these data are not specifically included in the reference list.
2. The data in EPA Acc. No. 234422 were reviewed by Larry Anderson, Toxicology Branch, August 22, 1978. The Oral LD50, Acute Dermal LD50, and Skin Irritation studies place a 0.005% diphacinone formulation in Tox. Cat. IV with respect to the hazards associated with these routes of exposure; the Eye Irritation places it in Tox. Cat. III. The signal word is CAUTION.
3. Since the formulation is in Tox. Cat. III with respect to eye irritation the following should be added to the precautionary and first aid statements: "Avoid contact with eyes. In case of eye contact, immediately flush eyes with plenty of water. Get medical attention if irritation persists."
4. It is recommended that "vitamin K₁" be specified rather than "vitamin K" as a treatment in the event of ingestion, according to the letter from Velsicol (Feb. 25, 1977) and subsequent review by William Greear (April 21, 1977) in EPA Reg. No. 876-124.
5. The applicant has proposed the statement: "Kills rats & mice indoors," however, directions for use include "... next to burrows" which would presumably be an outside location. Additionally, statements are made regarding keeping this formulation out of reach or inaccessible to wildlife.

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SCIENCE DATA REVIEWS
EPA-HQ-2010-001

-2-

6. If the product is to be used outdoors, there should be an Environmental Hazard statement (under that heading) something like the following:
"Treated bait should be placed in an area inaccessible to wildlife. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes."
7. With the above label revisions, IRB/TSS would have no objection on the basis of human and environmental safety to the registration of this product for the proposed uses.

Byron T. Backus 3/14/79
Byron T. Backus



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R034553

Chemical: Diphacinone

PC Code: 067701

HED File Code 13000 Tox Reviews

Memo Date: 03/12/79 12:00:00 AM

File ID: 00000000

Accession Number: 412-04-0141

HED Records Reference Center
04/22/2004